

338396

RECEIVED
OPPT CBIC

2011 SEP 26 AM 11:07

Sanitized Copy

September 22, 2011

Via Federal Express



United States Environmental Protection Agency - East
Attn: TSCA Section 8(e) / Room 6428
1201 Constitution Avenue, NW
Washington, DC 20004

Subject: Notice in Accordance with Section 8(e): Results of a Toxicity Study on the Growth of the Duckweed *Lemna Gibba* with a Tankmix Containing Two Formulated Products

Dear Sir/Madam:

[REDACTED] is submitting results of a Toxicity Study on the Growth of the Duckweed *Lemna Gibba* with a Tankmix Containing Two Formulated Products; **(SUBSTANCE A)** mixture containing 3 active ingredients: **(1)** [REDACTED]

; **(2)** [REDACTED]

(3) [REDACTED]

and **(SUBSTANCE B)** mixture containing: **(1)** [REDACTED]

; **(2)** [REDACTED]

(3) [REDACTED]

, conducted by [REDACTED]

].

The test was conducted in a static system over 7 days according to the OECD Guideline for Testing of Chemicals, No. 221 (March 2006): *Lemna* sp. Growth Inhibition Test.

The following nominal concentrations (sum of both formulations) were tested: control, 0.45, 1.4, 4.5, 14.0, 44.8 and 140 µg/L, corresponding to 0.32, 1.0, 3.2, 10, 32 and 100 µg/L of **(SUBSTANCE A)** and 0.13, 0.4, 1.3, 4.0, 12.8 and 40 µg/L of **(SUBSTANCE B)**. All test solutions were visibly clear over the entire exposure period.



Company Sanitized

Sanitized Copy

United States Environmental Protection Agency – East
September 22, 2011
Page 2

Analyses of the test item were performed.

Parameter	Endpoint	Result (based on nominal concentration)	95% -confidence limits
Growth rate (frond number)	EC ₅₀ (7d)	29.9 µg/L (sum) 21.3 µg/L Substance A	25.7 – 34.7 µg/L
	EC ₁₀ (7d)	4.8 µg/L (sum) 3.4 µg/L Substance A	3.3 – 6.3 µg/L
Yield (frond number)	EC ₅₀ (7d)	11.9 µg/L (sum) 8.5 µg/L Substance A	10.6 – 13.4 µg/L
	EC ₁₀ (7d)	2.2 µg/L (sum) 1.6 µg/L Substance A	1.7 – 2.8 µg/L
Growth rate (dry weighth)	EC ₅₀ (7d)	20.5 µg/L (sum) 14.6 µg/L Substance A	18.4 – 22.8 µg/L
	EC ₁₀ (7d)	4.8 µg/L (sum) 3.4 µg/L Substance A	3.8 – 5.9 µg/L
Yield (dry weighth)	EC ₅₀ (7d)	9.6 µg/L (sum) 6.8 µg/L Substance A	8.5 – 10.8 µg/L
	EC ₁₀ (7d)	1.8 µg/L (sum) 1.3 µg/L Substance A	1.4 – 2.3 µg/L

Explanation:

ECX is the (effective) concentration of the test item, which results in an X% reduction in growth relative to the control.

Sanitized Copy

United States Environmental Protection Agency – East
September 22, 2011
Page 3

[REDACTED] understands that reporting of results from this study under TSCA 8(e) is in accordance with EPA's policy.

Please note that a confidential version of this letter is enclosed, treating the chemical identity and company identity as Confidential Business Information.

A Confidentiality Substantiation Questionnaire is being submitted.

Sincerely,

Enclosures